

WEST Search History

DATE: Tuesday, September 10, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L9	14 and 15	33	L9
L8	17 and 16 and 15	22	L8
L7	indicator same material	5842	L7
L6	fabric or textile or cloth	235229	L6
L5	non\$1 woven or un\$1 woven	37330	L5
L4	super absorbent polymer	227	L4
L3	swellable polymer	455	L3
L2	indicator material	208	L2
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L1	5891811	2	L1

END OF SEARCH HISTORY

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB; PLUR=YES; OP=ADJ

<u>L27</u>	l15 and l26	42	<u>L27</u>
<u>L26</u>	L13 AND L24	79	<u>L26</u>
<u>L25</u>	l13 and l15 and l16 and l24	30	<u>L25</u>
<u>L24</u>	indicator same (dye or colorant)	4686	<u>L24</u>
<u>L23</u>	indicator same dye	4513	<u>L23</u>
<u>L22</u>	indicator same (reactive on non-reactive or nonreactive) same dye	3	<u>L22</u>
<u>L21</u>	l17 and l19	151	<u>L21</u>
<u>L20</u>	l16 and l19	181	<u>L20</u>
<u>L19</u>	l13 and l15 and l16 and l18	181	<u>L19</u>
<u>L18</u>	(indicator same material) or dye	166245	<u>L18</u>
<u>L17</u>	nonwoven or unwoven or non-woven or un-woven	47405	<u>L17</u>
<u>L16</u>	fabric or textile	178887	<u>L16</u>
<u>L15</u>	(water swellable or super absorbent polymer or hydrogel or hydrocolloid)	19931	<u>L15</u>
<u>L14</u>	l2 and l3 and l13	0	<u>L14</u>
<u>L13</u>	diaper or incontinence article	10640	<u>L13</u>
<u>L12</u>	l2 and l3 and l4	0	<u>L12</u>
<u>L11</u>	l2 and l3 and l6	0	<u>L11</u>

DB=DWPI; PLUR=YES; OP=ADJ

<u>L10</u>	l3 and l4 and l6	19	<u>L10</u>
<u>L9</u>	l2 and l3 and l4 and l5 and l6	0	<u>L9</u>
<u>L8</u>	l3 and l7	0	<u>L8</u>
<u>L7</u>	l2 and l4 and l5 and l6	76	<u>L7</u>
<u>L6</u>	nonwoven or unwoven or non-woven or un-woven	37760	<u>L6</u>
<u>L5</u>	non\$1woven or un\$1woven	37330	<u>L5</u>
<u>L4</u>	fabric or textile	180953	<u>L4</u>
<u>L3</u>	indicator same material	5842	<u>L3</u>
<u>L2</u>	(water swellable or super absorbent polymer or hydrogel or hydrocolloid)	6209	<u>L2</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L1</u>	(4903254 or 4643122 or 4737463)[pn]	3	<u>L1</u>
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END OF SEARCH HISTORY

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT;PGPB; PLUR=YES; OP=ADJ

<u>L25</u>	l13 and l15 and l16 and l24	30	<u>L25</u>
<u>L24</u>	indicator same (dye or colorant)	4686	<u>L24</u>
<u>L23</u>	indicator same dye	4513	<u>L23</u>
<u>L22</u>	indicator same (reactive on non-reactive or nonreactive) same dye	3	<u>L22</u>
<u>L21</u>	l17 and l19	151	<u>L21</u>
<u>L20</u>	l16 and l19	181	<u>L20</u>
<u>L19</u>	l13 and l15 and l16 and l18	181	<u>L19</u>
<u>L18</u>	(indicator same material) or dye	166245	<u>L18</u>
<u>L17</u>	nonwoven or unwoven or non-woven or un-woven	47405	<u>L17</u>
<u>L16</u>	fabric or textile	178887	<u>L16</u>
<u>L15</u>	(water swellable or super absorbent polymer or hydrogel or hydrocolloid)	19931	<u>L15</u>
<u>L14</u>	l2 and l3 and l13	0	<u>L14</u>
<u>L13</u>	diaper or incontinence article	10640	<u>L13</u>
<u>L12</u>	l2 and l3 and l4	0	<u>L12</u>
<u>L11</u>	l2 and l3 and l6	0	<u>L11</u>

DB=DWPI; PLUR=YES; OP=ADJ

<u>L10</u>	l3 and l4 and l6	19	<u>L10</u>
<u>L9</u>	l2 and l3 and l4 and l5 and l6	0	<u>L9</u>
<u>L8</u>	l3 and l7	0	<u>L8</u>
<u>L7</u>	l2 and l4 and l5 and l6	76	<u>L7</u>
<u>L6</u>	nonwoven or unwoven or non-woven or un-woven	37760	<u>L6</u>
<u>L5</u>	non\$1 woven or un\$1 woven	37330	<u>L5</u>
<u>L4</u>	fabric or textile	180953	<u>L4</u>
<u>L3</u>	indicator same material	5842	<u>L3</u>
<u>L2</u>	(water swellable or super absorbent polymer or hydrogel or hydrocolloid)	6209	<u>L2</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L1</u>	(4903254 or 4643122 or 4737463)[pn]	3	<u>L1</u>
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END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 1 of 1 returned.☒ 1. Document ID: US 4663220 A

L1: Entry 1 of 1

File: USPT

May 5, 1987

US-PAT-NO: 4663220

DOCUMENT-IDENTIFIER: US 4663220 A

TITLE: Polyolefin-containing extrudable compositions and methods for their formation into elastomeric products including microfibers

DATE-ISSUED: May 5, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wisneski; Tony J.	Kimberly	WI		
Morman; Michael T.	Alpharetta	GA		

US-CL-CURRENT: 428/221; 428/903, 442/346, 442/351, 442/400

ABSTRACT:

The disclosure is generally directed to an extrudable elastomeric composition formed by blending from at least 10 percent, by weight, of an A-B-A' block copolymer where "A" and "A'" are each a thermoplastic endblock which includes a styrenic moiety and where "B" is an elastomeric poly(ethylene-butylene) midblock with up to at least about 90 percent, by weight, of at least one polyolefin which, when blended with the A-B-A' block copolymer and subjected to an effective combination of elevated temperature and elevated pressure conditions, is adapted to be extruded in blended form, with the A-B-A' block copolymer. Fibrous nonwoven elastomeric webs may be formed from the extrudable composition and processes for forming the fibrous nonwoven elastomeric webs are also disclosed.

50 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	CLS.1	SEQ.1	ATT.1
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Term	Documents
"4663220"[USPT]	1
4663220S	0
"4663220"[PN].USPT.	1
(4663220[PN]).USPT.	1

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☒ 1. Document ID: US 20020095127 A1

L12: Entry 1 of 2

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020095127
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020095127 A1

TITLE: Controlled delamination of laminate structures having enclosed discrete regions of a material

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fish, Jeffrey E.	Dacula	GA	US	
Griffiths, Jennifer A.	Alpharetta	GA	US	

US-CL-CURRENT: 604/368; 604/385.01

ABSTRACT:

A laminate structure that is formed from a first substrate, a second substrate, and discrete regions of particles sandwiched therebetween is provided. In particular, the first and second substrates are bonded together at certain portions such that bonded portions and unbonded portions are formed. The unbonded portions form pockets that contain the particles. The pockets have a length-to-width ratio of greater than about 2. The resulting laminate structure of the present invention can have inner regions that delaminate upon the application of a certain force (e.g., swelling of superabsorbent particles), as well as perimeter regions that do not substantially delaminate upon the application of the same force.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWD	Draw Desc	Image
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☐ 2. Document ID: US 20010031595 A1

L12: Entry 2 of 2

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031595
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010031595 A1

TITLE: Use-dependent indicator system for absorbent articles

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Ralph L.	Marietta	GA	US	
Clark, James W.	Roswell	GA	US	
Radwanski, Fred R.	Stone Mountain	GA	US	

US-CL-CURRENT: 442/381; 428/152, 442/123, 442/414, 442/65, 442/71, 442/73, 442/75

ABSTRACT:

A use-dependent indicator system for detecting the exhaustion of an active chemical within an absorbent article is provided. The indicator system includes at least one dye component and a polymer mixture. The dye component(s) can be non-reactive and/or reactive dyes. The polymer mixture can contain a polymer, such as a latex adhesive, to facilitate control over the dissolution rate of the dye component(s). By controlling the dissolution rate of the dye component(s), an indicator system of the present invention can impart a change in color to signal the exhaustion of an active chemical incorporated within the absorbent article, such as an anti-microbial agent.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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Term	Documents
(10 AND 11).USPT,PGPB.	2
(L11 AND L10).USPT,PGPB.	2

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